

216580

SEARCH REQUEST FORM Scientific and Technical Information Center - EIC2800
Rev. 1/26/2006 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 22511.

Date 2/23/01 Serial # 091 837,877 Priority Application Date 4/19/01
Your Name Milena Examiner # 73172
AU 2822 Phone 272-1838 Room 5A39
In what format would you like your results? Paper is the default. PAPER DISK EMAIL
If submitting more than one search request form, please prioritize the searches in order of need.

3044

Where have you searched so far on this case?

Circle: USPT DWPI EPO Abs JPO Abs IBM TDB
Other: _____

Need before 3/5

What relevant art have you found so far? Please attach citations or Information Disclosure Statements.

What types of references would you like? Please checkmark:

Primary Refs ☒ Nonpatent Literature ☐ Teaching Refs ☐
Secondary Refs ☐ Foreign Patents ☐ Other ☐

FEB 26

Is this a "Fast & Focused Search" request? (Circle One) YES NO

A "Fast & Focused Search" is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2800 and on the STIC NPL Web Page at <http://uspto-a-patrr-2/siraapps/stic/npl/nplsearch.htm>

What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

TFT Claims 1, 4-9, 17-20, 22+25

Problem: See paragraphs 6-10
Solution " " 11-21

6, 362, 207
6, 424, 013

Staff Use Only

Searcher: M. Mims
Searcher Phone: 25928
Searcher Location: STIC-EIC2800, JEF-4B68
Date Searcher Picked Up: 3-5-01
Date Completed: 3-6-01
Searcher Prep/Rev Time: 385
Online Time: 65

Type of Search

Structure (#) ☒
Bibliographic ☒
Litigation ☐
Fulltext ☐
Patent Family ☐
Other ☐

Vendors

STN ☒
Dialog ☐
Questel/Orbit ☐
Lexis-Nexis ☐
WWW/Internet ☐
Other ☐

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(FILE 'HOME' ENTERED AT 15:45:01 ON 05 MAR 2007)

FILE 'CAPLUS' ENTERED AT 15:46:35 ON 05 MAR 2007

L1 76825 SEA ABB=ON PLU=ON ?THIN?(3W) (LAYER? OR COAT? OR LAMINA? OR
FILM?) (2W) (TRANSIS? OR DEVIC? OR OLED OR LCD) OR TFT OR
(ATOMIC OR MOLECULAR) (2A) (LAYER? OR COAT? OR LAMINA? OR FILM)
L2 531430 SEA ABB=ON PLU=ON GATE? OR TRENCH OR DRAIN OR CHANNEL? OR
CONDUCT? (2A) PLAT?
L3 1583376 SEA ABB=ON PLU=ON STORAG? OR ?ARRAY? OR MATRIX? OR MATRICES
OR LATTIC? OR ROW? (4A) COLUMN OR GRID? OR MESH?
L4 218549 SEA ABB=ON PLU=ON PIXEL? OR PICTURE ELEMENT OR LCD OR
LIQUID (3A) CRYST?
L5 22580 SEA ABB=ON PLU=ON WIRING LINE OR (CAPACIT? OR GATE? OR
DATA) (3A) (WIRE OR WIRING OR LINE)
L6 1727 SEA ABB=ON PLU=ON L1 AND L2 AND L3 AND L4 AND L5
L7 622681 SEA ABB=ON PLU=ON ?DIELECT? OR INSULAT? OR NONCONDUCT?
L8 920 SEA ABB=ON PLU=ON L6 AND L7
L9 2020061 SEA ABB=ON PLU=ON (TANTALUM OR TA OR CHROMIUM OR CR OR
TITANIUM OR TI OR TUNGSTEN OR W OR MOLYBDENUM OR MO OR
SILICID?)
L10 149 SEA ABB=ON PLU=ON L8 AND L9
L11 2258901 SEA ABB=ON PLU=ON DISTANC? OR LENGTH? OR INCH? OR CM OR MM
OR MILMETER OR ANGSTROM OR MICRON
L12 8 SEA ABB=ON PLU=ON L10 AND L11
D IBIB ABS HITIND 1-8
L13 47 SEA ABB=ON PLU=ON L8 AND L11
L14 39 SEA ABB=ON PLU=ON L13 NOT L12
D IBIB ABS HITIND 1-39

FILE 'INSPEC, COMPENDEX' ENTERED AT 16:28:26 ON 05 MAR 2007

L15 64833 SEA ABB=ON PLU=ON L1
L16 809183 SEA ABB=ON PLU=ON L2
L17 1993105 SEA ABB=ON PLU=ON L3
L18 197939 SEA ABB=ON PLU=ON L4
L19 39373 SEA ABB=ON PLU=ON L5
L20 630073 SEA ABB=ON PLU=ON L7
L21 892409 SEA ABB=ON PLU=ON L9
L22 1755588 SEA ABB=ON PLU=ON L11
L23 32 SEA ABB=ON PLU=ON L15 AND L16 AND L17 AND L18 AND L19 AND
L20
L24 13 SEA ABB=ON PLU=ON L23 AND L21
L25 11 DUP REM L24 (2 DUPLICATES REMOVED)
D IALL 1-11
L26 13 SEA ABB=ON PLU=ON L23 AND L22
L27 4 SEA ABB=ON PLU=ON L26 NOT L24
L28 3 DUP REMOVE L27 (1 DUPLICATE REMOVED)
D IALL 1-3

FILE 'JAPIO, KOREAPAT' ENTERED AT 16:44:58 ON 05 MAR 2007

L29 34193 SEA ABB=ON PLU=ON L1
L30 450820 SEA ABB=ON PLU=ON L2
L31 670396 SEA ABB=ON PLU=ON L3
L32 231171 SEA ABB=ON PLU=ON L4
L33 64786 SEA ABB=ON PLU=ON L5
L34 467566 SEA ABB=ON PLU=ON L7

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L35 339395 SEA ABB=ON PLU=ON L9
L36 677410 SEA ABB=ON PLU=ON L11
L37 993 SEA ABB=ON PLU=ON L29 AND L30 AND L31 AND L32 AND L33 AND
L34
L38 4 SEA ABB=ON PLU=ON L37 AND L35 AND L36
L39 4 DUP REM L38 (0 DUPLICATES REMOVED)
D IALL 1-4
L40 54 SEA ABB=ON PLU=ON L37 AND L36
L41 50 SEA ABB=ON PLU=ON L40 NOT L39
L42 33 SEA ABB=ON PLU=ON L41 AND PY>=2001
L43 17 SEA ABB=ON PLU=ON L41 NOT L42
D IALL 1-17